

Certificate of Analysis

Product : K3B426 25 Kg Drum
Supplier Order No.:
Delivery No.:
Lot Number:
Manufacture Date: May 11, 2018
Re-evaluation Date: May 10, 2019

Customer:
Customer Order:
Customer Material No. :

<u>Test/Standard</u>	<u>Specifications</u>	<u>Results</u>	<u>Method No.</u>
2% as is Viscosity mPa.s	1000 - 1500	1400	SOM619
pH	3.4 - 4.0	3.8	SOM605
Loss on Drying %	5.0 - 15.0	9.4	SOM603
Particle Size thru 60 mesh %	NLT 98.00	100.00	SOM604
Particle Size thru 80 mesh %	NLT 91.00	99.30	SOM604
Color	NLT 64.0	67.0	SOM606
Lead Pb mg/kg (ppm)	NMT 5.0	< 1.0	SOM650
Esters %	40.0 - 85.0	57.2	SOM656
Free Acid %	NMT 35.0	11.0	SOM656
Ash %	NMT 10.0	6.3	SOM651
%CO2 g/100	16.0 - 20.0	18.4	SOM652
Arsenic As mg/kg (ppm)	NMT 3.0	< 0.5	SOM650
Heavy Metals Total mg/kg (ppm)	NMT 20.00	< 20.00	SOM650
Total Aerobic Plate Count cfu/g	NMT 200	< 50	SOM680
Yeast cfu/g	NMT 100	< 50	SOM683
Mold cfu/g	NMT 100	< 50	SOM683
Coliform cfu/g	Negative by MPN	Negative by MPN	SOM681
E.Coli	Absent in 25g	Absent in 25g	SOM682
Salmonella	Absent in 25g	Absent in 25g	SOM684
S.Aureus	Absent in 1g	Absent in 1g	SOM668
P.aeruginosa	Absent in 1.0g	Absent in 1.0g	SOM687
Identification PGA A & B	Complies	Complies	SOM617

PRODUCT DESCRIPTION: PROPYLENE GLYCOL ALGINATE

This material complies with:

ICH guideline on residual solvents (CPMP/ICH/283/95)

The specifications of the current United States Pharmacopoeia National Formulary

Manufactured at: KIMICA Chile, Ltda, Camino Loquen s/n Parcela 12 Paine, CHILE

We guarantee that at the time of shipment, the supplied lot conforms to all specifications as stated in our Sales Specification. Analytical methods are available upon request.